

AMENDMENTS TO THE CLAIMS

The following represents a complete listing of the claims in this application indicating the present status of each, including any amendments sought to be entered at this time. Any claims that have been canceled or withdrawn have been canceled or withdrawn without prejudice or disclaimer of any subject matter therein. The applicants specifically reserve the right to pursue any and all such claims in continuing and/or divisional applications. In this paper, claim 73 has been amended and claim 74 has been canceled.

Listing of the claims:

1-59 (canceled).

60 (previously presented). A disposal system for a skin-worn transdermal patch device containing residual amount of an abusable substance after use thereof on a patient, said system comprising:

- (a) a disposal container separate from and independent of said skin-worn patch device and having an opening therein for receiving said skin-worn patch device;
- (b) a deactivation system in said container comprising material that deactivates and renders unusable said abusable substance on contact, said deactivation system further comprising:

(1) a first amount of carbon in an activated state in a quantity sufficient to bind said abusable substance in said patch;

(2) a second amount of carbon that has been pre-incorporated with a species that is releasable from said second amount of carbon upon solvent extraction and wherein said species is selected from the group consisting of agents known to be irritants and antagonists and combinations thereof such that said species remains with said abusable substance upon extraction thereby rendering said abusable substance unusable; and

(c) closure device for closing said disposal container thereby capturing said skin-worn patch device.

61(previously presented). A system as in claim 60 wherein said container is in the form of a flexible pouch.

62(previously presented). A system as in claim 60 wherein said closure device includes an adhesive seal.

63(previously presented). A system as in claim 61 wherein said closure device includes an adhesive seal.

64(previously presented). A disposal system as in claim 60 wherein said abusable substance is an opioid.

65(previously presented). A system as in claim 64 wherein said opioid includes fentanyl.

66(previously presented). A disposal system as in claim
60 wherein extraction solvents include water, ethanol and
combinations thereof.

67(previously presented). A disposal system as in claim
66 wherein said abusable substance is an opioid.

68(canceled).

69(previously presented). A method for reducing
potential for substance abuse in skin-worn transdermal patch
devices containing residual amounts of abusable substances of
interest after removal from a first user comprising steps of:

(a) providing a deactivation system in a container separate
from said patch, said deactivation system comprising
material that deactivates and renders unusable said
abusable substance on contact, said deactivation system
further comprising:

- (1) a first amount of carbon in an activated state in
a quantity sufficient to bind said abusable
substance in said patch;
- (2) a second amount of carbon that has been pre-
incorporated with a species that is releasable
from said second amount of carbon upon solvent
extraction and wherein said species is selected
from the group consisting of agents known to be
irritants and antagonists and combinations thereof

such that said species remains with said abusable substance upon extraction thereby rendering said abusable substance unusable;

- (b) causing said abusable substance of interest that remains in a patch device as removed from a first user to contact said anti-abuse substance in said separate container.

70(previously presented). A method as in claim 69 wherein said separate container is a pouch and (b) involves inserting a removed patch properly oriented into the pouch.

71(previously presented). A method as in claim 70 wherein said abusable substance is an opioid.

72(canceled).

73(currently amended). A method as in claim 70 wherein ~~said anti-abuse substance includes a binding agent~~ deactivation system comprises material that prevents extraction of said abusable substance of interest using a solvent selected from the group consisting of water, ethanol or combinations thereof.

74(canceled).

75(previously presented). A method as in claim 71 wherein said abusable drug includes a compound of fentanyl.

76-77(canceled).

78(previously presented). A disposal system as in claim 60 wherein said species that renders said abusable substance

unusable is selected from capsaicin ipecac, naloxone and naltrexone and combinations thereof.

79(previously presented). A disposal system as in claim 78 wherein said species includes capsaicin.

80(previously presented). A disposal pouch for the deactivation of a used opioid transdermal patch comprising a deactivation system in said container comprising material that deactivates and renders unusable said abusable substance on contact, said deactivation system further comprising:

- (a) a first amount of carbon in an activated state in a quantity sufficient to bind said abusable substance in said patch;
- (b) a second amount of carbon that has been pre-incorporated with a species that is releasable from said second amount of carbon upon solvent extraction and wherein said species is selected from the group consisting of agents known to be irritants and antagonists and combinations thereof such that said species remains with said abusable substance upon extraction thereby rendering said abusable substance unusable.

81(previously presented). A disposal system as in claim 80 wherein said species that renders said abusable substance

unusable is selected from capsaicin ipecac, naloxone and
naltrexone and combinations thereof.